

CLAIMS

Having thus described our invention, it is claimed:

- 5 1. A prefabricated flooring system adapted for use in a bowling center,
 comprising a plurality of wooden boards having a longitudinal axis, the
 plurality of wooden boards each having substantially flat side edges along
 the longitudinal axis, interior boards of the plurality of wooden boards
 being bonded together by an adhesive applied on the side edges and two of
10 the outermost boards of the plurality of wooden boards being bonded only
 on one side edge by the adhesive to adjacent corresponding interior boards
 to form a preformed section of wooden boards.
2. The system of claim 1, wherein a thickness of the plurality of wood
15 boards approximately equal to approximately less than 2 $\frac{3}{4}$ inches.
3. The system of claim 1, wherein a thickness of the plurality of wood
 boards approximately $\frac{3}{4}$ inches.
- 20 4. The system of claim 3, wherein the prefabricated flooring system is
 used in an approach section of a bowling lane and is greater than 42 inches
 in width.

5. The system of claim 1, wherein the adhesive is one of:

- (i) cold or hot pressed curing adhesive;
- (ii) air drying PVA (Polyvinyl acetates) adhesive;
- (iii) hot melt urethanes; and
- (iv) radiation curing adhesive.

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6. The system of claim 1, wherein the prefabricated preformed section is used as a section of an approach section of a bowling lane.

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7. The system of claim 1, wherein remaining sections of the approach section are synthetic boards.

8. The system of claim 1, further comprising a finish on the wooden boards.

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9. The system of claim 1, wherein the preformed section of wooden boards includes an underlayment.

10. The system of claim 9, wherein the underlayment is at least one layer of fiberboard.

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11. The system of claim 10, wherein the fiberboard is medium density fiber (MDF) or high density fiber (HDF) board or oriented strand board (OSB) or high density particle board (HDP).

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12. The system of claim 11, wherein the laminated under floor is bonded to the plurality of wooden boards by adhesive or fastening device.

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13. The system of claim 1, wherein the bonded plurality of wooden boards eliminates the use of nails or fastening devices between adjacent bonded boards.

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14. The system of claim 1, further comprising an integrated foul line of contrasting material bonded to an edge of the preformed section of wooden boards substantially perpendicular to the longitudinal axis.

15. The system of claim 14, wherein the integrated foul line is bonded to a groove in the edge of the plurality of wooden boards.

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16. The system of claim 15, wherein the groove is located at (i) a middle of the edge such that the foul line is a T shape, (ii) a bottom of the edge

such that the foul line is an L shape or (iii) a top of the edge such that the foul line is a block.

5 17. The system of claim 1, wherein a width of the preformed section of wooden boards is greater than a bowling alley lane.

18. The system of claim 17, wherein the preformed section of wooden boards is an approach section fabricated in sections totally filling an area of the bowling lane in addition to gutter area.

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19. The system of claim 1, wherein the preformed section of wooden boards is approximately equal to a width of a bowling alley lane.

20. The system of claim 1, wherein the preformed section includes drilled
15 holes for the insertion of fasteners for fastening to a sub floor.

21. The system of claim 20, further comprising plugs for plugging the drilled holes.

20 22. The system of claim 1, further comprising contrasting dowels used as range finders.

23. The system of claim 1, wherein abutting short edges of the plurality of wooden boards are joined by an interleaved finger joint.

5 24. A bowling alley flooring system comprising:

a bowling lane; and

a prefabricated approach section abutting the bowling lane, the prefabricated approach section comprising:

10 a plurality of wooden boards having a longitudinal axis, the plurality of wooden boards each having side edges along the longitudinal axis, the plurality of wooden boards being bonded together by an adhesive applied on the side edges wherein two of the outermost boards of the plurality of boards are bonded only on one side edge by the adhesive to adjacent corresponding interior
15 boards to form the prefabricated approach section of wooden boards,

the prefabricated approach section having a thickness approximately the same as the bowling lane.

20 25. The bowling alley flooring system of claim 24, wherein the bowling lane is a laminate floor.

26. The bowling alley flooring system of claim 25, wherein the prefabricated approach section has a thickness of approximately less 2 $\frac{3}{4}$ inches.

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27. The bowling alley flooring system of claim 25, wherein the prefabricated approach section has a thickness of approximately $\frac{3}{4}$ inches.

28. The bowling alley flooring system of claim 25, wherein the prefabricated approach section has a width greater than the bowling lane.

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29. The bowling alley flooring system of claim 25, wherein the adhesive is one of:

- a. cold or hot pressed curing adhesive;
- b. air drying PVA (Polyvinyl acetates) adhesive;
- c. hot melt urethanes; and
- d. radiation curing adhesive.

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30. The bowling alley flooring system of claim 24, wherein the bowling lane includes a plurality of wooden boards having a longitudinal axis, the plurality of wooden boards each having side edges along the longitudinal

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axis, the plurality of wooden boards being bonded together by an adhesive applied on the side edges wherein two of the outermost boards of the plurality of boards are bonded only on one side edge by the adhesive to adjacent corresponding interior boards to form a prefabricated bowling lane section of wooden boards, the prefabricated approach section having a thickness approximately the same as the prefabricated bowling lane section.

31. The bowling alley flooring system of claim 29, further comprising a curable finish on the prefabricated approach section of wooden boards.

32. The bowling alley flooring system of claim 24, wherein the prefabricated approach section includes a an underlayment of at least one layer of medium density fiber (MDF) or high density fiber (HDF) board or oriented strand board (OSB) or high density particle board (HDP).

33. The bowling alley flooring system of claim 24, wherein the prefabricated approach section eliminates the use of nails or other fastening devices.

34. The bowling alley flooring system of claim 24, further comprising an integrated foul line of contrasting material bonded to an edge of the prefabricated approach section substantially perpendicular to the longitudinal axis.

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35. The bowling alley flooring system of claim 24, wherein the prefabricated approach section includes drilled holes for the insertion of fasteners for fastening to a sub floor.

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36. The system of claim 24, further comprising plugs for plugging the drilled holes.

37. The system of claim 24, further comprising contrasting dowels used as range finders.

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38. A prefabricated flooring system adapted for use in a bowling center, comprising a plurality of wooden boards having a longitudinal axis, the plurality of wooden boards each having a long side edge and a short side edge, the short side edges of abutting wooden floors of the plurality of wooden floors having interleaved finger joints bonded together by an adhesive applied thereon and abutting wooden floors along the long sides

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being bonded together by an adhesive applied thereto with two of the outermost boards of the plurality of wooded boards being bonded only on one side edge by the adhesive to adjacent corresponding interior boards to form a preformed section of wooden boards.

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39. The system of claim 38, wherein the preformed section of wooden boards is at least a section of an approach area.

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40. The system of claim 39, wherein remaining portions of the approach area are laminate boards of synthetic material or residual wood approach.